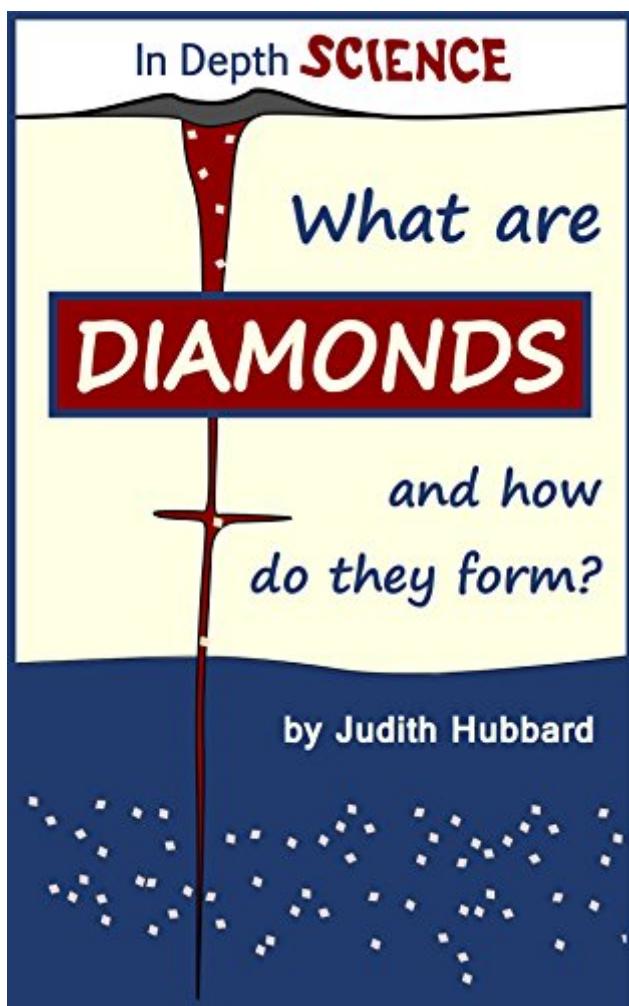


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What Are Diamonds, And How Do They Form? (In Depth Science Book 1)



Synopsis

Have you ever seen a diamond? Have you ever wondered where it came from? The story of how diamonds form will take you on a tour of the Earth. You will zoom in to the atomic scale to see how atoms bond, dive into the Earth's mantle to explore how temperature and pressure change, and get carried back up to the surface in a special volcanic eruption. All of this is real, cutting-edge science, written at a level that kids can read and understand. The text is supplemented with interesting illustrations and photographs to make the science more vivid, appropriate for both standard Kindle and tablet formats. At the end of the book you will find a self-quiz to test your new knowledge, additional activities that build on the science, and a glossary for the scientific terms used in the book. Judith Hubbard is a geology professor with a PhD from Harvard University and a BS from Caltech - and also two young children. She started the In Depth Science series with the goal of making college-level science accessible to children as young as eight years old. Kids are natural scientists. This series allows kids to explore their interests and understand the natural processes going on all around them.

Book Information

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Customer Reviews

With a suggested reading age of Grades 3-8, that is about spot on for this informational book on diamonds. Written with children in mind this book also challenges. There are 9 chapters followed by a quiz, activities and a glossary. The Kindle version has a good linked index so very easy to find where you want to be. What are diamonds made from? Chapter 2 explains that carbon is a very common atom and is even found inside of every human! Diamonds and graphite are 100% carbon. Why are these SO different? Diagrams are included to illustrate the point. Where are diamonds formed? Learn about the make up of the earth. How come we find diamonds on the surface? What's a Kimberlite pipe? The quiz consists of 12 questions, one per page with the answer following. There are some great activities at the end to really reinforce and expand your child's knowledge of this subject. Two things of note: This book is written using metric measurements, mostly kilometers. Written from an evolutionary standpoint but don't let that deter you. If you are a creationist there is still a wealth of great information to be gleaned from this book for your kids. Do I recommend this? Yes! Will our kids be reading it? Yes! Book provided in exchange for an honest review, not necessarily a positive one! Thanks, Liz

Written at a sixth grade level, Author Hubbard includes several easy to do activities and a glossary that make this book on diamonds. Several photographs and diagrams are used to illustrate scientific process presented. Minor editing is need for punctuation and word usage, i.e. using an instead of a. The book also lacks a suggestive reading list or list of references.

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